



Docket: 035950/US/2 –
475396-00167

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor:	Vera Cherepinsky	
Appln. No.:	10/567,126	
Filed:	February 1, 2006	Examiner: TBD
Title:	METHODS, SOFTWARE ARRANGEMENTS, STORAGE MEDIA, AND SYSTEMS FOR GENOTYPING OR HAPLOTYPING POLYMORPHIC GENETIC LOCI OR STRAIN IDENTIFICATION	Group Art Unit: TBD

**RESPONSE TO NOTIFICATION OF
MISSING REQUIREMENTS UNDER 35 U.S.C. § 371**

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

I hereby certify that this document is being sent via First Class U. S. mail addressed to: Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on this day of August 11, 2006.

(Signature)

Sir:

This paper is filed in response to the Notification of Missing Requirements ("Notification") mailed July 20, 2006 for the above-identified application. Enclosed herewith, please find an executed Declaration, Power of Attorney, Statement Under 37 CFR 3.73(b), executed Assignment with an assignment recordal which is filed herewith for responding to the Notification. A check in the amount of \$105 is enclosed (\$65.00 plus \$40 for the assignment recordal).

A copy of the Notification is enclosed.

08/21/2006 ATRAN1 00000124 10567126

01 FC:2617 65.00 0P

Date: August 11, 2006

Respectfully submitted,

DORSEY & WHITNEY LLP

By

Gary Abelev (Reg. No. 40,479)
DORSEY & WHITNEY LLP
250 Park Avenue
New York, New York 10177-1500
(212) 735-0765

Patent Mail Received

JUL 25 2006



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/567,126	Vera Cherepinsky	035950/US2-475396-00167

INTERNATIONAL APPLICATION NO.
PCT/US04/24766

I.A. FILING DATE	PRIORITY DATE
08/02/2004	08/01/2003

30873
 DORSEY & WHITNEY LLP
 INTELLECTUAL PROPERTY DEPARTMENT
 250 PARK AVENUE
 NEW YORK, NY 10177

CONFIRMATION NO. 2332

371 FORMALITIES LETTER



OC000000019685764

Date Mailed: 07/20/2006

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 02/01/2006
- Copy of the International Search Report filed on 02/01/2006
- Copy of IPE Report filed on 02/01/2006
- Preliminary Amendments filed on 02/01/2006
- Information Disclosure Statements filed on 02/01/2006
- Small Entity Statement filed on 02/01/2006
- Request for Immediate Examination filed on 02/01/2006
- U.S. Basic National Fees filed on 02/01/2006
- Priority Documents filed on 02/01/2006
- Specification filed on 02/01/2006
- Claims filed on 02/01/2006
- Abstracts filed on 02/01/2006
- Drawings filed on 02/01/2006

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$65 for a small entity in compliance with 37 CFR 1.27,

must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$65** for a Small Entity:

- **\$65** Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

WINSTON M ALVARADO

Telephone: (703) 308-9140 EXT 206

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/567,126	PCT/US04/24766	035950/US2-475396-00167



IAP7 Rec'd PCT/PTO 15 AUG 2006 PCT

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/567,126
Filing Date	February 1, 2006
First Named Inventor	Vera Cherepinsky
Art Unit	To be assigned
Examiner Name	To be assigned
Attorney Docket Number	035950/US/2 - 475396-00167

ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input checked="" type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD <div>Remarks</div>	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Executed Assignment with Assignment Recordal, Return Receipt Postcard
--	--	--

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Dorsey & Whitney, L.L.P.		
Signature			
Printed name	Gary Abelev, Esq.		
Date	August 11, 2006	Reg. No.	Reg. No. 40,479


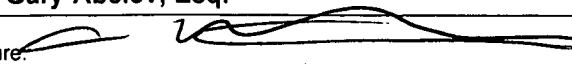
CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	Gary Abelev, Esq.	Date	August 11, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Effective on 12/08/04 <div style="text-align: center;">  </div>		Complete if Known																																																																																																																																							
		Application No.	10/567,126																																																																																																																																						
		Filing Date	February 1, 2006																																																																																																																																						
		First Inventor	Vera Cherepinsky																																																																																																																																						
		Group Art Unit	To be assigned																																																																																																																																						
		Examiner Name	To be assigned																																																																																																																																						
<input checked="" type="checkbox"/> Applicant claims small entity status (see 37 C.F.R. 1.27)		Atty. Docket Number	035950/US/2 – 475396-00167																																																																																																																																						
METHOD OF PAYMENT (Check One)		FEE CALCULATION (Continued)																																																																																																																																							
<input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input checked="" type="checkbox"/> Deposit Account No.: 50-2054 Deposit Account Name: DORSEY & WHITNEY LLP For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) <input checked="" type="checkbox"/> Charge any additional fees or underpayments of fee(s) under 37 C.F.R. 1.16 and 1.17 <input checked="" type="checkbox"/> Credit any overpayments <input type="checkbox"/> Other (please identify):		3. ADDITIONAL FEES																																																																																																																																							
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="5" style="text-align: center;">Extra Claim Fees</th> </tr> <tr> <th>Current Claims</th> <th>Prior</th> <th>Extra</th> <th>Fee</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Total</td> <td>-</td> <td>=</td> <td>x \$</td> <td>= \$</td> </tr> <tr> <td>Ind.</td> <td>-</td> <td>=</td> <td>x \$</td> <td>= \$</td> </tr> <tr> <td>Multiple Dependent Claims</td> <td></td> <td></td> <td>x \$</td> <td>= \$</td> </tr> <tr> <td colspan="3" style="text-align: right;">Subtotal (Extra Claims)</td> <td></td> <td>\$</td> </tr> </tbody> </table>		Extra Claim Fees					Current Claims	Prior	Extra	Fee	Fee Paid	Total	-	=	x \$	= \$	Ind.	-	=	x \$	= \$	Multiple Dependent Claims			x \$	= \$	Subtotal (Extra Claims)				\$	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee</th> <th>Small Entity Fee</th> <th>Fee Description</th> <th>Fee paid</th> </tr> </thead> <tbody> <tr> <td>50</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>130</td> <td>65</td> <td>Surcharge - Late nonprovisional filing fee or oath</td> <td>65</td> </tr> <tr> <td>180</td> <td>180</td> <td>Submission of IDS</td> <td></td> </tr> <tr> <td>40</td> <td>40</td> <td>Recording each patent assignment per property (times number of properties)</td> <td>40</td> </tr> <tr> <td>120</td> <td>60</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>450</td> <td>225</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>1,020</td> <td>510</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>1,590</td> <td>795</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>2,160</td> <td>1,080</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>790</td> <td>395</td> <td>Submission After Final 1.129</td> <td></td> </tr> <tr> <td>500</td> <td>250</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>500</td> <td>250</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>1,000</td> <td>500</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>130</td> <td>65</td> <td>Terminal Disclaimer Fee</td> <td></td> </tr> <tr> <td>800</td> <td>400</td> <td>Design Issue Fee</td> <td></td> </tr> <tr> <td>790</td> <td>395</td> <td>Request for Continued Examination (RCE)</td> <td></td> </tr> <tr> <td>130</td> <td></td> <td>Request for voluntary publication or republication</td> <td></td> </tr> <tr> <td>500</td> <td>250</td> <td>Petition to Revoke – unavoidable</td> <td></td> </tr> <tr> <td>1,500</td> <td>750</td> <td>Petition to Revoke – unintentional</td> <td></td> </tr> <tr> <td>200</td> <td></td> <td>Filing for patent term adjustment</td> <td></td> </tr> <tr> <td>400</td> <td></td> <td>Request for reinstatement of term reduced</td> <td></td> </tr> <tr> <td>1,120</td> <td></td> <td>Extension of term of patent</td> <td></td> </tr> <tr> <td colspan="2">OTHER FEE (specify)</td> <td colspan="2"></td> </tr> <tr> <td colspan="2" style="text-align: right;">Subtotal (Additional Fees)</td> <td colspan="2"></td> </tr> <tr> <td colspan="2" style="text-align: right;">Total Amount of Payment: \$ 105</td> <td colspan="2"></td> </tr> </tbody> </table>		Large Entity Fee	Small Entity Fee	Fee Description	Fee paid	50	25	Surcharge - late provisional filing fee or cover sheet		130	65	Surcharge - Late nonprovisional filing fee or oath	65	180	180	Submission of IDS		40	40	Recording each patent assignment per property (times number of properties)	40	120	60	Extension for reply within first month		450	225	Extension for reply within second month		1,020	510	Extension for reply within third month		1,590	795	Extension for reply within fourth month		2,160	1,080	Extension for reply within fifth month		790	395	Submission After Final 1.129		500	250	Notice of Appeal		500	250	Filing a brief in support of an appeal		1,000	500	Request for oral hearing		130	65	Terminal Disclaimer Fee		800	400	Design Issue Fee		790	395	Request for Continued Examination (RCE)		130		Request for voluntary publication or republication		500	250	Petition to Revoke – unavoidable		1,500	750	Petition to Revoke – unintentional		200		Filing for patent term adjustment		400		Request for reinstatement of term reduced		1,120		Extension of term of patent		OTHER FEE (specify)				Subtotal (Additional Fees)				Total Amount of Payment: \$ 105			
Extra Claim Fees																																																																																																																																									
Current Claims	Prior	Extra	Fee	Fee Paid																																																																																																																																					
Total	-	=	x \$	= \$																																																																																																																																					
Ind.	-	=	x \$	= \$																																																																																																																																					
Multiple Dependent Claims			x \$	= \$																																																																																																																																					
Subtotal (Extra Claims)				\$																																																																																																																																					
Large Entity Fee	Small Entity Fee	Fee Description	Fee paid																																																																																																																																						
50	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																							
130	65	Surcharge - Late nonprovisional filing fee or oath	65																																																																																																																																						
180	180	Submission of IDS																																																																																																																																							
40	40	Recording each patent assignment per property (times number of properties)	40																																																																																																																																						
120	60	Extension for reply within first month																																																																																																																																							
450	225	Extension for reply within second month																																																																																																																																							
1,020	510	Extension for reply within third month																																																																																																																																							
1,590	795	Extension for reply within fourth month																																																																																																																																							
2,160	1,080	Extension for reply within fifth month																																																																																																																																							
790	395	Submission After Final 1.129																																																																																																																																							
500	250	Notice of Appeal																																																																																																																																							
500	250	Filing a brief in support of an appeal																																																																																																																																							
1,000	500	Request for oral hearing																																																																																																																																							
130	65	Terminal Disclaimer Fee																																																																																																																																							
800	400	Design Issue Fee																																																																																																																																							
790	395	Request for Continued Examination (RCE)																																																																																																																																							
130		Request for voluntary publication or republication																																																																																																																																							
500	250	Petition to Revoke – unavoidable																																																																																																																																							
1,500	750	Petition to Revoke – unintentional																																																																																																																																							
200		Filing for patent term adjustment																																																																																																																																							
400		Request for reinstatement of term reduced																																																																																																																																							
1,120		Extension of term of patent																																																																																																																																							
OTHER FEE (specify)																																																																																																																																									
Subtotal (Additional Fees)																																																																																																																																									
Total Amount of Payment: \$ 105																																																																																																																																									
Petition Fee Under 37 CFR 1.17(f), (g), & (h) Enclosed is a Petition filed under 37 CFR as indicated below: <input type="checkbox"/> Petition Fee under 37 CFR 1.17(f) Fee \$400 § 1.53(e) to accord a filing date. § 1.57(a) to accord a filing date. § 1.182 for decision on a question not provided for. § 1.183 to suspend the rules. § 1.378(e) for reconsideration of decision on petition refusing delayed payment of maintenance fee in expired patent. § 1.174(b) to accord a filing date to an application under §1.740 for extension of patent term. <input type="checkbox"/> Petition Fee under 37 CFR 1.17(g) Fee \$200 § 1.12 for access to an assignment record. § 1.14 for access to an application. § 1.47 for filing by other than all inventors or person not the inventor. § 1.59 for expungement of information. § 1.103(a) to suspend action in an application. § 1.136(b) for review of a request for ext. of time when §1.136(a) not avail. § 1.295 for review of refusal to publish a statutory invention registration. § 1.296 to withdraw a req. for pub. after notice of intent to publish issued. § 1.377 for review of decision refusing to accept a maintenance fee filed prior to expiration of a patent. § 1.550(c) for request for ext. of time in <i>ex parte</i> reexam. proceedings. § 1.956 for request for ext. of time in <i>ex parte</i> reexam. proceedings. § 5.12 for expedited handling of foreign filing license. § 5.15 for changing the scope of a license. § 1.5.25 for retroactive license. <input type="checkbox"/> Petition Fee under 37 CFR 1.17(h) Fee \$130 § 1.19(g) to request documents in a form other than provided in this part. § 1.84 for accepting color drawings or photographs. § 1.91 for entry of a model or exhibit. § 1.102(d) to make an application special. § 1.138(c) to expressly abandon an application to avoid publication. § 1.313 to withdraw an application from issue. § 1.314 to defer issuance of a patent.																																																																																																																																									
Submitted by:																																																																																																																																									
CUSTOMER NUMBER 30873		DORSEY & WHITNEY LLP																																																																																																																																							
		250 Park Avenue New York, NY 10177																																																																																																																																							
Name: Gary Abelev, Esq.		Phone No.: 212-415-9371	Fax No.: 212-953-7201																																																																																																																																						
Signature: 		Reg. No.: 40,479	Date: August 11, 2006																																																																																																																																						